

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: June 19, 2002, 14:17:35 ; Search time 69.8 Seconds  
(without alignments)  
3072.178 Million cell updates/sec

Title: US-09-788-476a-3  
Perfect score: 873  
Sequence: 1 tggagtggagggttaacaga.....tgatatgtgtgttaat 873

Scoring table: IDENTITY\_NMC  
Gapop 10.0 , Gapext 1.0

Searched: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_NA:\*  
1: /cgn2\_6/ptodata/1/ina/5A\_COMB.seq:\*  
2: /cgn2\_6/ptodata/1/ina/5B\_COMB.seq:\*  
3: /cgn2\_6/ptodata/1/ina/6A\_COMB.seq:\*  
4: /cgn2\_6/ptodata/1/ina/6B\_COMB.seq:\*  
5: /cgn2\_6/ptodata/1/ina/PCUTS\_COMB.seq:\*  
6: /cgn2\_6/ptodata/1/ina/backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
C 1	79.4	9.1	7218	1	US-08-232-463-14	Sequence 14, Appl
2	53.6	6.1	3211	2	US-08-574-959A-8	Sequence 8, Appl
3	53.6	6.1	3211	4	US-09-357-014-8	Sequence 8, Appl
4	53.6	6.1	3901	2	US-08-574-959A-6	Sequence 6, Appl
5	53.6	6.1	3901	4	US-09-357-014-6	Sequence 6, Appl
6	43	4.9	2277	1	US-08-676-967-2	Sequence 2, Appl
7	43	4.9	2277	1	US-08-676-967-2	Sequence 2, Appl
8	43	4.9	2277	2	US-09-098-467-2	Sequence 2, Appl
9	43	4.9	5183	1	US-08-999-774A-1	Sequence 1, Appl
10	42.6	4.9	5183	4	US-08-459-568-3	Sequence 1, Appl
11	42.6	4.9	5183	2	US-08-399-411-3	Sequence 3, Appl
12	42.6	4.9	5868	3	US-08-516-859A-3	Sequence 3, Appl
13	41.8	4.8	231	4	US-09-461-687-207	Sequence 20, App
14	41.8	4.8	282	4	US-09-461-687-205	Sequence 205, App
15	41.8	4.8	306	4	US-09-461-697-203	Sequence 203, App
16	41.8	4.8	696	4	US-09-461-697-191	Sequence 191, App
17	41.8	4.8	699	4	US-09-461-697-193	Sequence 193, App
18	41.8	4.8	717	4	US-09-461-697-189	Sequence 189, App
19	41.8	4.8	774	4	US-09-461-697-187	Sequence 187, App
20	41.8	4.8	819	4	US-09-461-687-185	Sequence 185, App
21	41.8	4.8	1669	4	US-09-461-697-184	Sequence 184, App
22	40.4	4.7	1236	2	US-08-741-134-5	Sequence 5, Appl
23	40.4	4.6	3095	6	5231168-1	Patent No. 5231168
24	40.2	4.6	2606	2	US-08-568-459A-7	Sequence 7, Appl
25	40.2	4.6	2606	2	US-08-487-826B-7	Sequence 17, Appl
26	40	4.6	289	4	US-09-007-005-17	Sequence 17, Appl
27	40	4.6	289	4	US-09-244-796-17	Sequence 17, Appl

28	39.8	4.6	759	1	US-08-466-603-4	Sequence 4, Appl
29	39.8	4.6	759	1	US-08-314-503A-4	Sequence 4, Appl
30	39.8	4.6	759	1	US-08-468-066-4	Sequence 4, Appl
31	39.8	4.6	759	2	US-08-466-717-4	Sequence 4, Appl
32	39.8	4.6	759	2	US-08-466-713-4	Sequence 4, Appl
33	39.8	4.6	759	5	PCT-US95-12414-4	Sequence 4, Appl
34	39.8	4.6	980	1	US-08-466-603-3	Sequence 3, Appl
35	39.8	4.6	980	1	US-08-314-503A-3	Sequence 3, Appl
36	39.8	4.6	980	4	US-08-468-066-3	Sequence 3, Appl
37	39.8	4.6	980	2	US-08-466-717-3	Sequence 3, Appl
38	39.8	4.6	980	3	US-08-466-713-3	Sequence 3, Appl
39	39.8	4.6	980	5	PCT-US95-12414-3	Sequence 3, Appl
40	39.8	4.6	1320	1	US-08-257-073-15	Sequence 15, Appl
41	39.8	4.6	1482	4	US-08-098-327E-41	Sequence 41, Appl
42	39.8	4.6	1482	4	US-08-098-327E-45	Sequence 45, Appl
43	39.8	4.6	1482	4	US-08-462-625-41	Sequence 41, Appl
44	39.8	4.6	1482	4	US-08-462-625-45	Sequence 45, Appl
45	39.8	4.6	1493	4	US-08-098-327E-38	Sequence 38, Appl

ALIGNMENTS

RESULT 1  
US-08-232-463-14/c  
Sequence 14, Application US/08232463  
Patent No. 5670367  
GENERAL INFORMATION:  
APPLICANT: DORNER, F.  
APPLICANT: SCHEFLINGER, F.  
APPLICANT: FALKNER, F. G.  
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Foley & Lardner  
STREET: 1800 Diagonal Road, Suite 500  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22313-0299  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/232,463  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/935,313  
FILING DATE:  
APPLICATION NUMBER: EP 91 114 300.6  
FILING DATE: 26-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 30472/114 IMMU  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)636-9300  
TELEFAX: (703)683-4109.  
TELEX: 899149  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7218 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
CLONE: pTZgpt-F1s  
US-08-232-463-14













US-09-461-697-203

Query Match 4.8%; Score 41.8; DB 4; Length 306;  
Best Local Similarity 50.8%; Pred. No. 0.0027;  
Matches 100; Conservative 0; Mismatches 97; Indels 0; Gaps 0;

Qy	146	gaagacatgctgaagagagcaaatgaagaagtactggaagtgaacagagga	205
Db	87	gaagaagtgaagaaagagataaaatgaaatgaaaggaagatgcaaaagga	146
Qy	206	gaagaacaaagccattgaagctccctgtcaagaggaagaaacccctga	265
Db	147	gaagatggaagaaagltgaagacgaaaggaatggaagatggaagagaa	206
Qy	266	gattgtgcccagagagaagaagtgtgtaaattacatctgaataccacag	325
Db	207	gaagatgaaagagagaaagacagaaagaaacagaggttgaaagaa	266
Qy	326	atcagaagagggctga	342
Db	267	ggaaagagagggaga	283

Search completed: June 19, 2002, 14:17:57  
Job time: 8550 sec